

South Bay Cities Council of Governments

July 24, 2014

TO: SBCCOG Board of Directors

FROM: Jacki Bacharach, SBCCOG Executive Director
Kim Fuentes, Deputy Executive Director

SUBJECT: Environmental Activities Report

Adherence to Strategic Plan:

Goal A: Environment, Transportation, and Economic Development. Facilitate, implement and/or educate members and others about environmental, transportation, and economic development programs that benefit the South Bay.

I. PROGRAMS - TECHNOLOGY, PLANNING, & RESEARCH

Climate Action Planning

Strategic Growth Council Award: On June 3, 2014, the Strategic Growth Council awarded \$885,048 to the SBCCOG and its partners, the Los Angeles County Metropolitan Transportation Authority, San Diego State University (SDSU), and the University of Los Angeles, California, Regional Collaborative for Climate Action and Sustainability (LARC), to develop a Sustainable South Bay Transportation and Land Use Implementation Framework (Framework). The funding is anticipated for a three-year period. SBCCOG staff has been notified that more information about the grant contract will be forthcoming in mid-July. SBCCOG was able to share the scope of work on June 6, at the Alliance of Regional Collaboratives for Climate Adaptation (ARCCA all-day quarterly meeting. Representatives from four different regions in California—Sacramento, Bay Area, Los Angeles, and San Diego—met to share regional best practices and discuss the ARCCA organization and priorities for the upcoming year. The SBCCOG was one of four representatives from the Los Angeles region.

Energy Efficiency Climate Action Plan: Atkins and SBCCOG staff continue to work with city staff to review and finalize the first task deliverables to: 1) draft and finalize the Assessment and Planning reports (A+P report) for each city and the sub-region and 2) to collect municipal and communitywide data for the greenhouse gas emissions inventory updates. Atkins provided city staff with municipal data collection worksheets and has been working with the cities to collect the data. The EECAP Working Group met on June 18, 2014 where Atkins provided an update on the status for the A+P reports and data collection process. Atkins also presented initial electricity consumption data trends for the entire sub-region.

Energy Atlas Project: SBCCOG staff attended a meeting on June 12 hosted by the California Center for Sustainable Communities to learn about a new initiative called “The Energy Atlas Project.” The Interactive Energy Atlas for Los Angeles County will generate knowledge and a greater understanding of the relationship between energy use, socio-demographic characteristics, and land use. The Atlas will include an interactive map of building energy consumption data and greenhouse gas emissions for all of Los Angeles County. The meeting provided an opportunity for stakeholders to give input on the project, which is anticipated to be released by year-end 2014. SBCCOG staff will be following the results of this work as it is released to see how it fits into the current CAP work of the SBCCOG.

Energy Efficiency

SCE Faith Based Direct Install

During the month of June, SBCCOG staff continued to promote the Faith Based Direct Install program via the SBESC E-News, the SBESC website, the SBCCOG/SBESC Kiosk at the Promenade of the Peninsula and at all the community outreach events. The Direct Install program closed out June 30 so staff ceased active promotion on June 15 to allow time for customers that applied to be served. During the remainder of the year, staff will refer organizations that inquire about the program to SCE. A final report will not be ready until the last of the faith based entities’ measures have been installed which is anticipated in the fall. As a result of the SBCCOG efforts in promoting of the program, the following organizations are participating in process:

- Christ Centered Apostolic Church **Inglewood**
- True Vine Baptist Church **Inglewood**
- Holy Trinity Evangelical Lutheran Church **Inglewood**
- Lawndale Wesleyan Church **Lawndale**
- Congregation Ner Tamid **Rancho Palos Verdes**
- Chabad of Palos Verdes **Rancho Palos Verdes**
- Seaside Community Church **Torrance**

SCE Direct Install

Our energy engineer has been working with each of our cities to expedite the municipal direct install program. A final report will be available when all the remaining projects are completed at the end of summer. The following provides an update as of the end of June 2014:

City	Status	# of Buildings	kW Savings	kWh Savings
El Segundo	Awaiting signature from city	3		
Hermosa Beach	Added 2 more buildings. Waiting for status from FCI	9	27.54	118,192

Inglewood	Work is scheduled to begin in August.	10		
Palos Verdes Estates	Work is scheduled to begin in August.	1		
Rancho Palos Verdes	City is going to participate. FCI is awaiting city signature.	6		
Redondo Beach	Installation to begin June 3, 2014	12		
Carson	Installation completed	5	13.97	58,177
Torrance	Installation completed	13	47.51	202,033
Rolling Hills Estates	Installation completed	1	5.22	22,054
Hawthorne	Installation completed	5	26.72	113,796
Lawndale	Installation completed	3	3.24	13,546
Rolling Hills	Installation completed	1	2.88	12,050
Gardena	Installation completed	8	33.58	146,619
Manhattan Beach	Interested in LEDs - N/A	-		
Lomita	Buildings inspected and no opportunities identified	-		
	Total	77		
	Total Upfront Project Cost Savings:		\$405,356	
	Total Annual Energy Cost Savings:		\$119,326	

SCE Water Leak Detection Program

On June 23rd and 24th WSO (SBCCOG’s sub-consultant) met with representatives from each participating city’s Public Works Dept. to gather information and discuss pressure management plans. Additionally, consumption data analysis is taking place for each agency. Cities continue to do follow up work by providing leak repair data including the number of leaks repaired and the cost of each repair. Participating cities continue to indicate that they are very pleased with the work being conducted as water losses caused by unrepaired leaks and operating at unnecessarily high-pressure results in wasted water and wasted energy.

Energy Leader Partnership (ELP) & Energy Action Plans (EAP)

The following provides a summary of ELP/EAP activities by city for the month of June:

Palos Verdes Estates – SBCCOG staff prepared draft Energy Action Plan for city staff review.

Rolling Hills – SBCCOG staff worked on draft Energy Action Plan for city staff review.

Inglewood – SBCCOG staff sent draft Energy Action Plan Resolution and sample staff report for city staff review.

Hawthorne, Hermosa Beach, Inglewood and Torrance city staff worked with SBCCOG on the marketing, outreach and demand response awareness criteria for Energy Leader program. In addition, the SBCCOG ELP team met with **Hawthorne** Public Works Director and city staff on updates for municipal savings and other criteria to move from Gold status to Platinum.

Lawndale and Manhattan Beach – SBCCOG staff along with SCE presented Platinum certificates to the cities. The **Lawndale** Herald newspaper picked up the story from a press release sent out about the presentation.

Energy Leader Recognition luncheon -- December 4 has been selected as the date for the Energy Leader Recognition luncheon. Staff is working to confirm CPUC Commissioner Carla Peterman as our guest speaker.

Enterprise Energy Management Information System (EEMIS)

SBCCOG staff continues to work with cities of City of Inglewood and Lomita on obtaining data through the EEMIS system. Finalized data structures are being electronically submitted to Los Angeles County Internal Services Department for update in EEMIS. EEMIS city staff training are being scheduled.

The SBCCOG received El Segundo’ installation contractor’s invoice for pulse counter by the deadline of June 30th per the Memorandum of Understanding for reimbursement through the Strategic Plan grant.

Two EEMIS staff reports have been completed for the Cities of Carson and Lawndale. These will be completed for all cities enrolled in EEMIS. A summary of findings, which identify potential areas of savings for each city completed to date, is below:

Summary of Findings - Carson

Finding	Description	FY 2013/2014 Cost
#1 – Millender-Mc Donald Community Center	Energy use and cost increased from prior fiscal year (<i>cost is the difference from FY 2012/2013 to FY 2013/2014</i>)	\$27,670
#2 – Zero energy use	City paid for no energy use electric accounts	\$5,700
#3 – Low energy use	City paid for low energy use (<50 kWh) electric accounts	\$6,100
#4 – Tariff evaluation	Possible tariff change for traffic control and street lights on GS-1 tariff	--
#5 – Union Pacific Railroad	City paying for electric account servicing Union Pacific Railroad	\$2,100
#6 – Utility Bills and Departmental End-Use	Review of service accounts organization and locational details	--
Total		\$41,570

Summary of Findings - Lawndale

Finding	Description	FY 2013/2014 Cost
#1 – City Hall	Energy use and cost increased from prior fiscal year (<i>cost is the difference from FY 2012/2013 to FY 2013/2014</i>)	\$480
#2 – Zero energy use	City paid for no energy use electric accounts	\$1,200
#3 – Low energy use	City paid for low energy use (<50 kWh) electric accounts	\$800
#4 – Tariff evaluation	Possible tariff change for traffic control and street lights on GS-1 tariff	--
#5 – Utility Bills and Departmental End-Use	Review of service accounts organization and locational details	--
Total		\$2,400

Beacon Award Champion

Status of Beacon Award program as of the end of June is as follows: Our city Beacon Award Participants and those that have earned the status of Spotlight Award were given special recognition during the Statewide Energy Efficiency Collaborative Forum attended by SBCCOG and city staff. Special Beacon Ribbons were affixed to the Forum name tags for SBCCOG and city staff attending from the **Torrance** and **Manhattan Beach**.

During the month of June, staff worked with the City of **Inglewood** and City of **Hawthorne** to help them through the process for becoming a Beacon Award Participant including helping to prepare a resolution for their City Councils' approval.

Current status as of June 2014 is as follows:

City	Resolution Passed	Completed On-Line Application	Participant Level Achieved	Spotlight Awards
Manhattan Beach	Yes	Yes	Yes	1. Energy Savings 2. Best Outreach Activities
Rolling Hills Estates	Yes	Yes	Yes	
Hermosa Beach	Yes	Yes	Yes	
Carson	Yes	Yes	Yes	
Lawndale	Yes	Yes	Yes	
Rancho Palos Verdes	Yes	Yes	Yes	
Torrance	Yes	Yes	Yes	
Gardena	Yes	Yes	Yes	

Water Conservation/West Basin Municipal Water District Programs (West Basin)

Water Reliability 2020

Contract goals: 1,000 WR 2020 support cards to be collected by August 31, 2014.

Status of goals: 1,288 cards collected as of June 30, 2014

Contract goals: up to 40 WR 2020 presentations to be scheduled.

Status of goals: 31 presentations have been scheduled as of May 30, 2014. (Note: this goal is dependent upon West Basin's availability)

Presentations: 4 presentations were given in June: Gardena Economic Development Committee; Purche Avenue Neighborhood Watch (Gardena); St. Philomena Catholic Church Senior Group (Carson); and Crowne Plaza Hotel (Redondo Beach) - employees. Based on the June quarterly meeting with West Basin, scheduling commission meetings will resume in September. In July and August, SBCCOG staff will be following up with contacts already initiated.

Contract goals: Up to 24 tabletop WR2020 business briefings to be scheduled.

Status of goals: 18 scheduled as of June 30, 2014.

As a result of a business briefing for hotel general managers, a group presentation for WR2020 was scheduled and held in June at the one of the hotel's staff meeting.

Cash for Kitchens

Contract goals: 40 kitchen audits to be completed by Aug 31, 2014.

Status as of June 30, 2014: 32 audits completed.

Contract goals: 50 follow-up visits at 50 previously audited sites.

Status as of June 30, 2014: 50 follow completed.

Activities for June included SBCCOG staff contacting the following businesses in Torrance: Norm's Restaurant, Kings Hawaiian, Lazy Dog Café, Restaurant Christine, Curry House, 85 Degrees C Café, Black Bear Dinner, Kantaro Sushi, and RA Sushi.

In addition, West Basin, with assistance from SBCCOG staff, will conduct one more training session targeting the larger commercial kitchen service providers. The training will be scheduled in August.

Rain Barrel

Staff completed 120 registrations for the Rain Barrel program during the month of June.

Car Wash

A total of two carwashes are participating in the West Basin program - 1 car wash company signed up in May - Lenox Carwash, Lenox and 1 in June - Dominguez Carwash, Carson.

Another company has expressed interest and SBCCOG staff is working with them to finalize paperwork.

MWD Caucus Meeting

June meeting focused on MWD’s new water conservation media campaign design for the summer months, which will focus outdoor water use.

Transportation

Vanpool Program

SBCCOG staff canvassed business parks geographically located close to the SBCCOG/SBESC office to invite the HR and/or Transportation directors to an informational meeting, which was held on July 8th. Staff has visited 41 companies and contacted 3 Property Management companies; 35 Invitations were emailed and 6 invitations were mailed.

II. MARKETING, OUTREACH, & IMPLEMENTATION

Workshops & Trainings

The following chart lists an overview of all workshops held in June 2014:

Event Date	Event Name	No. Attended/ No. of RSVPs	Marketing Info. (how did they hear about the workshop):	Staff Lead
6/7/14	High Efficiency Toilet Exchange - Carson	300 (toilets)	Combination of Email and Flyer	MS
6/8/14	High Efficiency Toilet Exchange - Torrance	305 (toilets)	Combination of Email and Flyer	GFG
6/30/14	Remodeling Your Home? Do It the Energy and Water Efficiency Way	13/25	Email: 23 Local Publication: 2	GFG

Outreach Events

In the month of June, SBCCOG staff:

Exhibited at **8** community events, **8** employee events. & **2** business events scheduled to participate in **3** community events; **1** employee event in July. Calendar year-to-date (through June 30th): **43** community events; **8** employee events; **2** business events; **11** presentations/workshops

During the month of July, efforts will be focused on scheduling Spanish-language presentations in Lennox.

Media

Earned Media Received in June

- “Green Tip: The Week of Monday, June 2” – Building Ordinary – June 2, 2014
- “Water is Life: A Student-Led Forum” – Environmental Charter Schools – June 7, 2014
- “Green Tip: The Week of Monday, June 9” – Building Ordinary – June 9, 2014
- “Green Tip: The Week of Monday, June 16” – Building Ordinary – June 16, 2014
- “5 Tips for Energy-Efficiency Laundry” – Your Home Daily – June 26, 2014
- “Remodeling Your Home? Do It the Energy and Water Efficiency Way” – Consumptionomics Daily – June 28, 2014
- “Home Remodeling Class” – Daily Breeze – June 29, 2014

Social Media

As of June 30, 2014 social media follower base are as follows:

Facebook: 326 likes

Twitter: 256 followers

LinkedIn: 45 followers

Volunteer Program

Volunteers

On June 5th volunteers and staff went on a field trip to Los Angeles International Airport (LAX).

Volunteer hours for the month of June 2014 are as follows:

- 136.5 hours
- Grand total as of 6/30/14 = 11,628.68 (Starting April 2008)

III. SPECIAL PROJECTS/INITIATIVES

Geothermal Resources Development Account (GRDA) Grant

This proposal seeks funds to undertake a detailed analysis of the geothermal resources likely to exist within or near the areas encompassed by the South Bay Cities Council of Governments, with the intent of: 1) identifying the available resources by the type of application or use most suitable for their respective thermal properties; 2) comparing the resource type and distribution to the local community and existing infrastructure; and 3) developing optimal use plans, based on an analysis of the energy savings, emissions reductions, costs and ancillary benefits that could be realized by deploying the appropriate geothermal technology. The results of the research will be provided to the cities for their information. UC Davis Geothermal Institute is partnering with the SBCCOG on this effort which helps the SBCCOG meet *Goal A of its Strategic Plan for Environment, Transportation and Economic Development: To facilitate, implement and/or educate members and others about environmental, transportation and economic development programs that benefit the South Bay.*